

AMENDMENTS TO THE CLAIMS

This listing of claims supersedes all prior versions and listings of claims in this application:

LISTING OF CLAIMS:

1. *(currently amended)* An arc tube for a discharge bulb in which both ends of a light emitting tube inserting electrodes respectively are sealed and a closed space having the electrodes opposed to each other and filled with a light emitting substance with a rare gas for starting is provided in the light emitting tube, wherein the light emitting tube comprises translucent ceramics formed substantially cylindrically and has a ratio d/L of an outside diameter d to a whole length L ranging from 0.2 to 0.5, further wherein said both ends of the light emitting tube are sealed by molybdenum pipes in which the electrodes are fixed and held respectively.

2. *(Original)* The arc tube for a discharge bulb according to claim 1, wherein the light emitting tube has a thickness of 0.25 mm to 1.2 mm.

3. *(currently amended)* An arc tube for a discharge bulb in which both ends of a light emitting tube inserting electrodes respectively are sealed and a closed space having the electrodes opposed to each other and filled with a light emitting substance together with a rare gas for starting is provided in the light emitting tube, wherein the light emitting tube comprises

translucent ceramics formed substantially cylindrically and has a parallel ray transmittance of 20% or less and a whole ray transmittance of 85% or more, further wherein said both ends of the light emitting tube are sealed by molybdenum pipes in which the electrodes are fixed and held respectively.

4. *(currently amended)* An arc tube for a discharge bulb comprising a light emitting tube formed using translucent ceramics and having a ratio d/L of an outside diameter d to a whole length L ranging from about 0.2 to about 0.5, wherein both ends of the light emitting tubes have electrodes inserted therein, and wherein said ends are sealed by molybdenum pipes in which the electrodes are fixed and held respectively.

5. *(Original)* The arc tube for a discharge bulb according to claim 4, wherein the light emitting tube has a substantially cylindrical shape.

6. *(currently amended)* An arc tube for a discharge bulb comprising a light emitting tube, formed in a substantially cylindrical shape using translucent ceramics and having a parallel ray transmittance of 20% or less and a whole ray transmittance of 85% or more, wherein both ends of the light emitting tubes have electrodes inserted therein, and wherein said ends are sealed by molybdenum pipes in which the electrodes are fixed and held respectively.